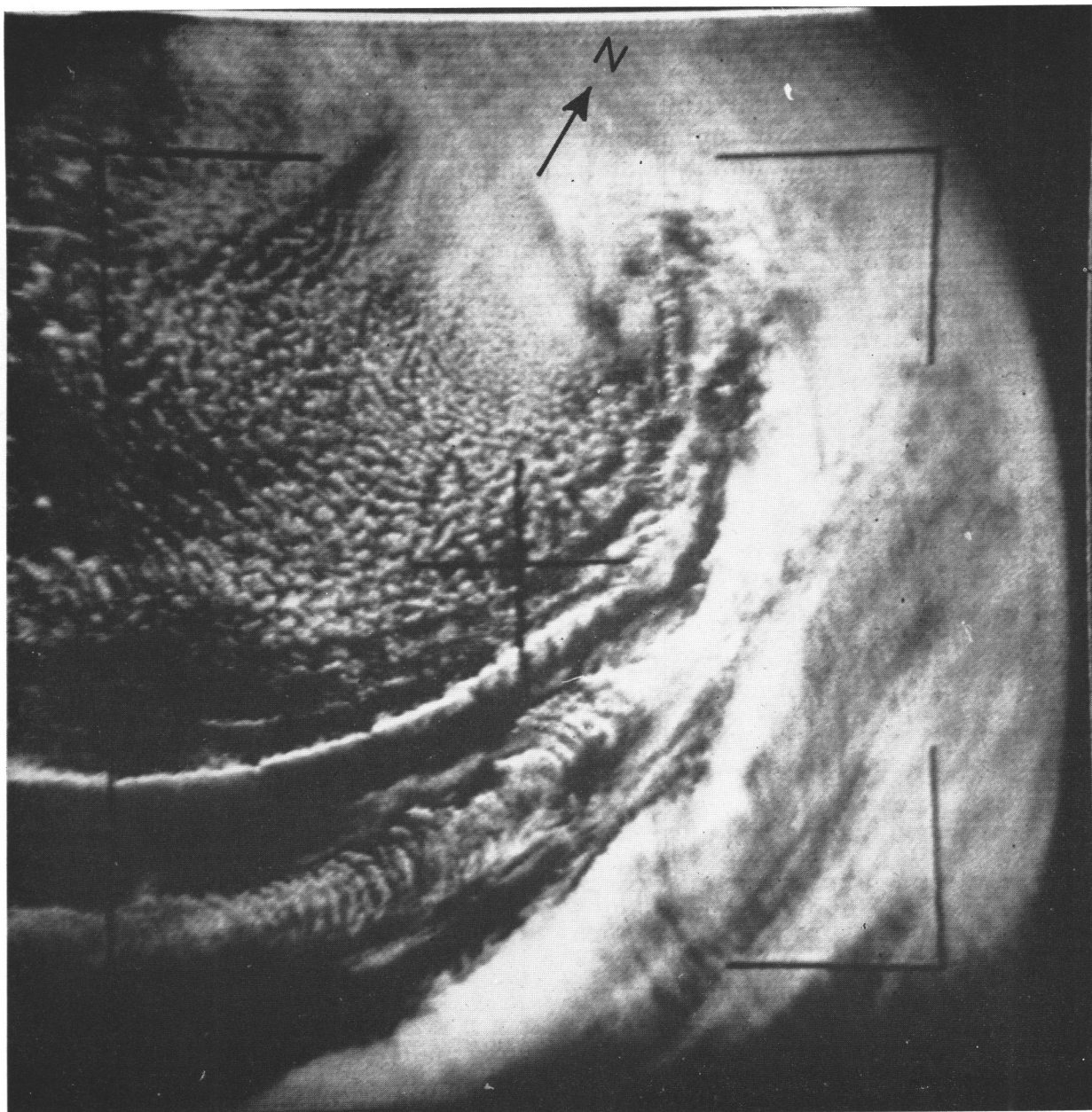


PICTURE OF THE MONTH



This TIROS VIII photograph of a North Pacific cyclone (pass 764/762, camera 1, frame 13) was taken on February 12, 1964, at 0045 GMT and was received at Wallops Island, Va., via tape mode. North is roughly indicated by the arrow. The surface analysis for 0000 GMT, February 12, showed a deepening cyclone (990 mb.), beginning to occlude, centered near 40°N ., 180° .

An overall general spiral pattern often is seen in TIROS pictures of cyclones, but the sharply defined cloud lines in this photograph are unusual. Three major cloud

bands curve from the lower left to the picture right-center. The easternmost band suggests frontal clouds, and the center band, with many small transverse elements, is similar to a jet stream pattern. This interpretation appears to be inconsistent with surface data, however. The western thin curved band is not like anything usually seen in TIROS pictures.

The cumuliform cloudiness in the upper left quadrant undoubtedly represents low-level convection in the cold air to the rear of the cyclone.